

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A service processing device comprising:

a controller that:

(1) interprets contents of script data that describes ~~at least a location of document data as a processing object, to be processed, and contents~~ contents of plural service processing operations to be performed to the document data; and data, and process flow of the plural service processing operations; and

(2) links plural service processing ~~units~~ apparatus that are connected to a network with each other to perform the plural service processing operations to the document data on the basis of a result of the ~~interpreting~~ interpreted contents,

wherein at least two of the service processing units each perform a different subset of the service processing operations, and

~~each of the plural service processing units has access to the entire document data when performing service processing operations on the document data~~ wherein the plural service processing operations includes a first service processing operation to be performed to the document data by first service processing apparatus and a second service processing operation to be performed to the document data by second service processing apparatus, the first and second service processing operations being different types of operations, the document data being processed by the first service processing operation to produce first modified document data, the first modified document data being processed by the second service processing operation to produce second modified document data;

transmits, according to the process flow, information specifying the location of the document data to the first service processing apparatus to perform the first service processing operation to the document data;

receives, from the first service processing apparatus, information specifying a location of the processed document data, the processed document data being processed and stored by the first service processing apparatus; and

transmits, according to the process flow, information specifying the location of the processed document data to the second service processing apparatus to perform the second service processing operation to the processed document data.

2. (Original) A service processing device according to claim 1, wherein the controller also:

(3) sets the location of the document data and the contents of the plural service processing operations to be performed to the document data; and

(4) creates, on the basis of set contents of the plural service processing operations, the script data for performing the plural service processing operations to the document data.

3. (Original) A service processing device according to claim 2, further comprising:

a memory that stores plural different items of script data; and

wherein the controller selects at least one of the plural items of script data stored in the storage unit.

4. (Original) A service processing device according to claim 1, wherein the plural service processing operations at least include two or more of: a copy operation, a print operation, a scan operation, a facsimile transmission operation, a facsimile reception

operation, an electronic mail delivery operation, a storing operation, a readout operation, an optical character recognition operation, and a noise removal operation.

5. (Original) A service processing device according to claim 1, wherein the script data at least includes one or more of: information expressing a relation among the plural service processing operations, interface information for invoking the plural service processing operations, and information for configuring a graphical user interface relating to the plural service processing operations.

6. (Currently Amended) A service processing device comprising:

interpreting means for interpreting contents of script data that describes ~~at least~~ a location of document data ~~as a processing object, to be processed,~~ and contents of plural service processing operations to be performed to the document ~~data; and~~ data, and process flow of the plural service processing operations; and

linkage processing means for linking plural service processing units that are connected to a network with each other to perform the plural service processing operations to the document data on the basis of an interpretation result of the ~~interpreting means, interpreted~~ contents,

wherein at least two of the service processing units each perform a different subset of the service processing operations, and

~~each of the plural service processing units has access to the entire document data when performing service processing operations on the document data.~~ wherein the plural service processing operations includes a first service processing operation to be performed to the document data by first service processing units and a second service processing operation to be performed to the document data by second service processing units, the first and second service processing operations being different types of operations, the document data being processed by the first service processing operation to produce first modified document data,

the first modified document data being processed by the second service processing operation to produce second modified document data;

transmits, according to the process flow, information specifying the location of the document data to the first service processing unit to perform the first service processing operation to the document data;

receives, from the first service processing unit, information specifying a location of the processed document data, the processed document data being processed and stored by the first service processing unit; and

transmits, according to the process flow, information specifying the location of the processed document data to the second service processing unit to perform the second service processing operation to the processed document data.

7. (Original) A service processing device according to claim 6, further comprising:

setting means for setting the location of the document data and the contents of the plural service processing operations to be performed to the document data; and

creating means for creating, on the basis of setting contents set by the setting means, the script data for performing the plural service processing operations to the document data.

8. (Original) A service processing device according to claim 7, further comprising:

storage means for storing plural different items of script data; and

selecting means for selecting at least one of the plural items of script data stored in the storage means.

9. (Original) A service processing device according to claim 6, wherein the plural service processing operations at least include two or more of: a copy operation, a print

operation, a scan operation, a facsimile transmission operation, a facsimile reception operation, an electronic mail delivery operation, a storing operation, a readout operation, an optical character recognition operation, and a noise removal operation.

10. (Original) A service processing device according to claim 6, wherein the script data at least includes one or more of: information expressing a relation among the plural service processing operations, interface information for invoking the plural service processing operations, and information for configuring a graphical user interface relating to the plural service processing operations.

11. (Currently Amended) A service processing method comprising the steps of:
interpreting contents of script data that describes ~~at least a location of~~
document data ~~as a processing object to be processed, and~~ contents of plural service
processing operations to be performed to the document data; and data, and process flow of the
plural service processing operations; and

linking plural service processing units that are connected to a network with
each other to perform the plural service processing operations to the document data on the
basis of an interpretation result of the ~~interpreting step,~~ interpreted contents,

wherein at least two of the service processing units each perform a different
subset of the service processing operations, and

~~each of the plural service processing units has access to the entire document~~
~~data when performing service processing operations on the document data.~~ the plural service
processing operations includes a first service processing operation to be performed to the
document data by first service processing units and a second service processing operation to
be performed to the document data by second service processing units, the first and second
service processing operations being different types of operations, the document data being
processed by the first service processing operation to produce first modified document data,

the first modified document data being processed by the second service processing operation to produce second modified document data;

transmits, according to the process flow, information specifying the location of the document data to the first service processing unit to perform the first service processing operation to the document data;

receives, from the first service processing unit, information specifying a location of the processed document data, the processed document data being processed and stored by the first service processing unit; and

transmits, according to the process flow, information specifying the location of the processed document data to the second service processing unit to perform the second service processing operation to the processed document data.

12. (Original) A service processing method according to claim 11, further comprising:

setting the location of the document data and the contents of the plural service processing operations to be performed to the document data; and

creating, on the basis of setting contents set at the setting step, the script data for performing the plural service processing operations to the document data.

13. (Original) A service processing method according to claim 12, further comprising:

selecting at least one item of script data from plural different items of script data stored in a data storage unit.

14. (Original) A service processing method according to claim 11, wherein the plural service processing operations at least include two or more of: a copy operation, a print operation, a scan operation, a facsimile transmission operation, a facsimile reception

operation, an electronic mail delivery operation, a storing operation, a readout operation, an optical character recognition operation, and a noise removal operation.

15. (Original) A service processing method according to claim 11, wherein the script data at least includes one or more of: information expressing a relation among the plural service processing operations, interface information for invoking the plural service processing operations, and information for configuring a graphical user interface relating to the plural service processing operations.

16. (Currently Amended) A service processing device comprising:
a controller that:

(1) interprets contents of script data that describes ~~at least a location of~~ document data as ~~a processing object to be processed,~~ and contents of plural service processing operations to be performed to the document data; data, and process flow of the plural service processing operations;

(2) carries out at least one of the service processing operations to the document data on the basis of a result of the ~~interpreting; and~~ interpreted contents; and

(3) causes the service processing device to transmit the script to another service processing device for performing a next service processing operation after executing the at least one service processing operation,

wherein at least two service processing devices each perform a different subset of the service processing operations, and

~~each of the at least two service processing devices has access to the entire document data when performing service processing operations on the document data wherein~~
the plural service processing operations includes a first service processing operation to be performed to the document data by first service processing devices and a second service processing operation to be performed to the document data by second service processing

devices, the first and second service processing operations being different types of operations, the document data being processed by the first service processing operation to produce first modified document data, the first modified document data being processed by the second service processing operation to produce second modified document data;

transmits, according to the process flow, information specifying the location of the document data to the first service processing devices to perform the first service processing operation to the document data;

receives, from the first service processing devices, information specifying a location of the processed document data, the processed document data being processed and stored by the first service processing device; and

transmits, according to the process flow, information specifying the location of the processed document data to the second service processing device to perform the second service processing operation to the processed document data.

17. (Previously Presented) A service processing device according to claim 16, wherein the controller also:

(4) sets the location of the document data and the contents of the plural service processing operations to be performed to the document data; and

(5) creates, on the basis of the set contents of the plural service processing operations, the script data for performing the plural service processing operations to the document data.

18. (Original) A service processing device according to claim 17, further comprising:

a memory that stores plural different items of script data; and

wherein the controller selects at least one piece of the plural items of script data stored in the memory.

19. (Original) A service processing device according to claim 16, wherein the plural service processing operations at least include two or more of: a copy operation, a print operation, a scan operation, a facsimile transmission operation, a facsimile reception operation, an electronic mail delivery operation, a storing operation, a readout operation, an optical character recognition operation, and a noise removal operation.

20. (Original) A service processing device according to claim 16, wherein the script data at least includes one or more of: information expressing a relation among the plural service processing operations, interface information for invoking the plural service processing operations, and information for configuring a graphical user interface relating to the plural service processing operations.

21. (Currently Amended) A service processing device comprising:

interpreting means for interpreting contents of script data that describes ~~at least~~ a location of document data ~~as a processing object to be processed~~ and contents of plural service processing operations to be performed to the document ~~data;~~data, and process flow of the plural service processing operations;

executing means for carrying out at least one of the service processing operations to the document data on the basis of an interpretation result of the ~~interpreting means;~~and interpreted contents; and

transmission means for transmitting the script to another service processing device for performing a next service processing operation after the executing means executes the at least one service processing operation,

wherein at least two service processing devices each perform a different subset of the service processing operations, and

~~each of the at least two plural service processing devices has access to the entire document data when performing service processing operations on the document data.~~

wherein the plural service processing operations includes a first service processing operation to be performed to the document data by first service processing units and a second service processing operation to be performed to the document data by second service processing devices, the first and second service processing operations being different types of operations, the document data being processed by the first service processing operation to produce first modified document data, the first modified document data being processed by the second service processing operation to produce second modified document data;

transmits, according to the process flow, information specifying the location of the document data to the first service processing device to perform the first service processing operation to the document data;

receives, from the first service processing device, information specifying a location of the processed document data, the processed document data being processed and stored by the first service processing device; and

transmits, according to the process flow, information specifying the location of the processed document data to the second service processing device to perform the second service processing operation to the processed document data.

22. (Original) A service processing device according to claim 21, further comprising:

setting means for setting the location of the document data and the contents of the plural service processing operations to be performed to the document data; and

creating means for creating, on the basis of setting contents set by the setting means, the script data for performing the plural service processing operations to the document data.

23. (Original) A service processing device according to claim 22, further comprising:

storage means for storing plural different items of script data; and
selecting means for selecting at least one piece of the plural items of script data stored in the storage means.

24. (Original) A service processing device according to claim 21, wherein the plural service processing operations at least include two or more of: a copy operation, a print operation, a scan operation, a facsimile transmission operation, a facsimile reception operation, an electronic mail delivery operation, a storing operation, a readout operation, an optical character recognition operation, and a noise removal operation.

25. (Original) A service processing device according to claim 21, wherein the script data at least includes one or more of: information expressing a relation among the plural service processing operations, interface information for invoking the plural service processing operations, and information for configuring a graphical user interface relating to the plural service processing operations.

26. (Currently Amended) A service processing method to be performed on a service processing device, the method comprising the steps of:

interpreting contents of script data that describes ~~at least a location of~~ document data as ~~a processing object to be processed~~, and contents of plural service processing operations to be performed to the document ~~data; data, and process flow of the~~ plural service processing operations;

carrying out at least one of the service processing operations to the document data on the basis of an interpretation result of the ~~interpreting step; and~~ interpreted contents;
and

transmitting, after execution of the at least one service processing operation is ended, the script to another service processing device for performing a next service processing operation,

~~wherein at least two service processing devices each perform a different subset of the service processing operations, and~~

~~each of the at least two plural service processing devices has access to the entire document data when performing service processing operations on the document data. the plural service processing operations includes a first service processing operation to be performed to the document data by first service processing devices and a second service processing operation to be performed to the document data by second service processing devices, the first and second service processing operations being different types of operations, the document data being processed by the first service processing operation to produce first modified document data, the first modified document data being processed by the second service processing operation to produce second modified document data;~~

~~transmits, according to the process flow, information specifying the location of the document data to the first service processing device to perform the first service processing operation to the document data;~~

~~receives, from the first service processing unit, information specifying a location of the processed document data, the processed document data being processed and stored by the first service processing device; and~~

~~transmits, according to the process flow, information specifying the location of the processed document data to the second service processing device to perform the second service processing operation to the processed document data.~~

27. (Original) A service processing method according to claim 26, further comprising:

setting the location of the document data and the contents of the plural service processing operations to be performed to the document data; and

creating, on the basis of setting contents set at the setting step, the script data for performing the plural service processing operations to the document data.

28. (Original) A service processing method according to claim 27, further comprising:

selecting at least one item of script data from plural different items of script data stored in a data storage unit.

29. (Original) A service processing method according to claim 26, wherein the plural service processing operations at least include two or more of: a copy operation, a print operation, a scan operation, a facsimile transmission operation, a facsimile reception operation, an electronic mail delivery operation, a storing operation, a readout operation, an optical character recognition operation, and a noise removal operation.

30. (Original) A service processing method according to claim 26, wherein the script data at least includes one or more of: information expressing a relation among the plural service processing operations, interface information for invoking the plural service processing operations, and information for configuring a graphical user interface relating to the plural service processing operations.

31. (New) A service processing device comprising:

a controller that:

(1) interprets contents of scripts data that describes a location of document data to be processed, contents of plural service processing operations to be performed to the document data, and process flow of the plural service processing operations;

(2) links plural service processing apparatus that are connected to a network with each other to perform the plural service processing operations to the document data on the basis of a result of the interpreted contents;

wherein the plural service processing operations include a first service processing operation to be performed to the document data by first service processing apparatus and a second service processing operation to be performed to the document data by second service processing apparatus, the first and second service processing operations being different types of operations, the document data being processed by the first service processing operation to produce first modified document data, the first modified document data being processed by the second service processing operation to produce second modified document data;

transmits, according to the process flow, first instruction data to the first service processing apparatus to perform the first service processing operation to the document data;

receives a result of the first service processing operation from the first service processing apparatus; and

transmits, according to the process flow, second instruction data to the second service processing apparatus to perform the second service processing operation to the processed document data processed by the first service processing operation in response to receiving the result of the first service processing operation.

32. (New) The service processing device according to claim 31, wherein the first and second service processing operations include two of: a copy operation, a print operation, a scan operation, a facsimile transmission operation, a facsimile reception operation, an electronic mail delivery operation, a storing operation, a readout operation, an optical character recognition operation, and a noise removal operation.